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US102 Universal IP PHONE

Technical Manual

ESCENE COMMUNICATION TECHNOLOGY CO.,LTD.

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1. General Comments

US102 is a popular type IP Phone in Sayhi phones series, with modern design, functional, practical and voice clarity characteristics. It accomplished the powerful telephony features by cooperating with the communications platform, such as call transfer, hotline, third-party conferences, voice mail, interruption-free, etc.

2. Product Appearance and models

（1）Product Appearance

(1) Function keys include: headset key, closed-tone button, menu button, conference button, transfer key, redial key.

(2) Navigation key areas: up key, down key, left key , right key, confirm key.. turn the volume down in the left key, turn the volume down in the right key.

（2）Model Rules Description

US102 -PWD

- D-PSTN（optional）
- W-WIFI（optional）
- P-POE（optional）

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3. Product Features:

- **Clear voice**
  US102 series through the unique voice processing technology that enables voice calls for more clarity and realistic, and communication more fluent.
- **Convenient and fast for Installation and maintenance**
  Support HTTP/TFTP/Telnet/Phone setting
- **Sophisticated functions Application**
  Enterprise addresses book.
  private phone book application.
- **Support Headset interface**
  Suitable for call center applications.
- **Support POE and AC adapter power supply**
- **Support HTTP/TFTP/FTP Auto-provision/TR069 for upgrade software**

4. Technical Features:

Item	US102
Screen	grayscale LCD with background light
	128*64 LCD
Language	Support Multi-Language
Line	2
Function Keys	5 Navigation keys (Arrow button, OK button) Volume button(multiplex up and down keys) Hands-free Mute Headset Message Menu Hold Redial Conference Transfer
VoIP Protocol	SIP 2.0
Network Protocol	HTTP, BOOTP, FTP, TFTP, IEEE 802.1Q, *IEEE 802.1X
Codec	G.723.1, G.729 A/B, G.711 A/U, G.722
QoS	TOS, Jiffer Buffer, VAD, CNG, G.168 (32ms)

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Network	2×RJ45 10/100M Ethernet Interfaces (LAN/PC) IP Assignment: static IP, DHCP, PPPoE DNS Client, VPN(L2TP), VLAN/QoS
Speech	HD Voice: HD Codec/Handset/Speaker(Full-duplex) Handle, Headset and Hands-free model available Support call centre by headsets Separated 9 Level Volume Adjustment
Call Processing	Always Forward, Busy Forward, No-answer Forward Hotline line (Immediately/Delay) Call Waiting, Call Queuing Call Forward, Call Transfer, Call Holding, Call Pickup, *Callback Redial Phone directory speed dial, Call record direct dial 3-way conference DnD, *Blacklist, SMS Voice mail, Voice Prompt, Voice Message
Application	Enterprise phone directory XML Phonebook Private phone directory
Security	Login the website by password Signaling encryption Media encryption
Management	Upgrade: HTTP/TFTP/FTP Auto-provision/TR069 Configurations: Phone/Http/Auto provision/TR069 Debug: Telnet/Phone/Web
Power Supply	Power adapter:AC100~240V input and DC 5V/1A output PoE(IEEE 802.af)
Specification	Storage Temperature: 0℃ ~ 60℃ Operating Humidity: 10%~90% Size: 335mm*219mm*68mm Net weight: 1.07kg
Package Features	Qty/CTN: 10 PCS N.W/CTN: 10.7kg G.W/CTN: 11.2kg Measurement: 0.055CBM Carton Meas: 460mm*350mm*355mm
Certifications	CE, FCC, RoHS

Note: "*" Sign means function has not been published yet.

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Web：http://www.escene.cn
Tel：(+86)20-28096798
Fax：(+86)20-28096786
Address：Floor 4 Building C YueAn Industrial Park No.54 Huangcun Road Tianhe District Guangzhou China

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